



2126
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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application) PATENT APPLICATION
Inventors: Brian Frazier et al.)
Serial No.: 09/825,654) Art Unit: 2126
Filed: 4-4-2001) Examiner: Courtenay
Title: MULTI-LAYER SOFTWARE)
ARCHITECTURE FOR HARDWARE CONTROL)

RECEIVED

JUL 29 2004

RESPONSE TO OFFICE ACTION

Technology Center 2100

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

In response to the Office Action mailed 4-21-04,
applicants respectfully request that the above-
identified application be amended as follows.



IN THE
UNITED STATES PATENT AND TRADEMARK OFFICE

Inventor(s): Brian Frazier et al.

Serial No.: 09/825,654

Examiner: Courtenay

Filing Date: 4-4-01

Group Art Unit: 2126

Title: MULTI-LAYER SOFTWARE ARCHITECTURE FOR HARDWARE CONTROL

COMMISSIONER FOR PATENTS
PO Box 1450
Alexandria, VA 22313-1450

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JUL 29 2004

Technology Center 2100

TRANSMITTAL LETTER FOR RESPONSE/AMENDMENT

Sir:

Transmitted herewith is/are the following in the above-identified application:

- (X) Response/Amendment () Petition to extend time to respond
() New fee as calculated below () Supplemental Declaration
(X) No additional fee (Address envelope to "Mail stop Non-Fee Amendments")
() Other: _____ (fee \$ _____)

CLAIMS AS AMENDED BY OTHER THAN A SMALL ENTITY						
(1) FOR	(2) CLAIMS REMAINING AFTER AMENDMENT	(3) NUMBER EXTRA	(4) HIGHEST NUMBER PREVIOUSLY PAID FOR	(5) PRESENT EXTRA	(6) RATE	(7) ADDITIONAL FEES
TOTAL CLAIMS	18	MINUS	20	= 0	X \$18	\$ 0
INDEP. CLAIMS	2	MINUS	3	= 0	X \$86	\$ 0
[] FIRST PRESENTATION OF A MULTIPLE DEPENDENT CLAIM					+ \$290	\$ 0
EXTENSION FEE	1ST MONTH \$110.00	2ND MONTH \$420.00	3RD MONTH \$950.00	4TH MONTH \$1480.00		\$ 0
OTHER FEES						\$
TOTAL ADDITIONAL FEE FOR THIS AMENDMENT						\$ 0

Charge \$ 0 to Deposit Account 50-1078. At any time during the pendency of this application, please charge any fees required or credit any overpayment to Deposit Account 50-1078 pursuant to 37 CFR 1.25. Additionally please charge any fees to Deposit Account 50-1078 under 37 CFR 1.16, 1.17, 1.19, 1.20 and 1.21. A duplicate copy of this sheet is enclosed.

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to: Commissioner for Patents, PO Box 1450, Alexandria, VA 22313-1450.

Date of Deposit: 7-21-04

Typed Name: Paul H. Horstmann

Signature: Paul H. Horstmann

Respectfully submitted,

Brian Frazier et al.

By Paul H. Horstmann

Paul H. Horstmann

Attorney/Agent for Applicant(s)

Reg. No. 36,167

Date: 7-21-04